

(57) Abstract

The invention provides a therapeutical composition comprising purified fractions of compounds being or containing a pathogen-inhibiting oligosaccharide sequence for use as a
5 medicament. The present invention especially describes an oligosaccharide-containing substance or receptor binding to diarrheagenic *Escherichia coli* and/or zoonotic *Helicobacter* species, and use thereof in, e.g., pharmaceutical, nutritional and other compositions for prophylaxis and treatment of conditions due to the presence of *Escherichia coli* and/or zoonotic *Helicobacter* species. The invention is also directed to the
10 use of the receptors for diagnostics of *Escherichia coli* and/or zoonotic *Helicobacter* species.

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(54) Title: THERAPEUTIC COMPOSITIONS FOR USE IN PROPHYLAXIS OR TREATMENT OF DIARRHEAS

(57) Abstract: The invention provides a therapeutical composition comprising purified fractions of compounds being or containing a pathogen-inhibiting oligosaccharide sequence for use as a medicament. The present invention especially describes an oligosaccharide-containing substance or receptor binding to diarrheagenic *Escherichia coli* and/or zoonotic *Helicobacter* species, and use thereof in, e.g., pharmaceutical, nutritional and other compositions for prophylaxis and treatment of conditions due to the presence of *Escherichia coli* and/or zoonotic *Helicobacter* species. The invention is also directed to the use of the receptors for diagnostics of *Escherichia coli* and/or zoonotic *Helicobacter* species.



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